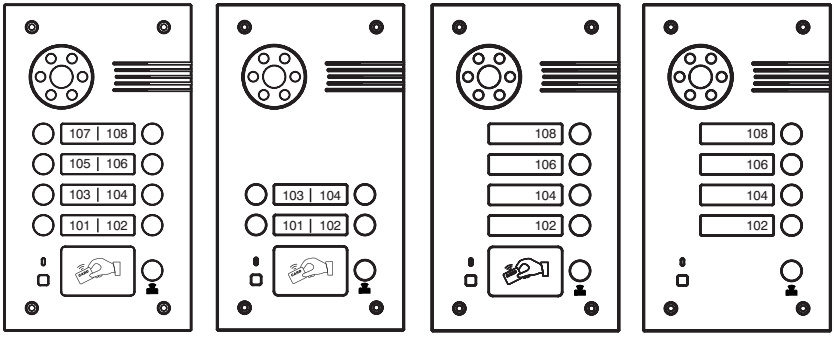
Installation and Operation Manual

For TCP/IP Digital System



Outdoor Panel

■ **Remark**

Please follow the user manual for correct installation and testing, if there is any doubt please call our tech-supporting and customer center.

Our company applies ourselves to reformation and innovation of our products. No extra informing for any change. The illustration shown here only used for reference, if there is any difference please take the actual product as standard product.

CATALOG

Product Picture 1

Basic Functions.....3

Technology Parameters 3

Package Content.....3

Operations.....4

System Setting 4

System Connection.....10

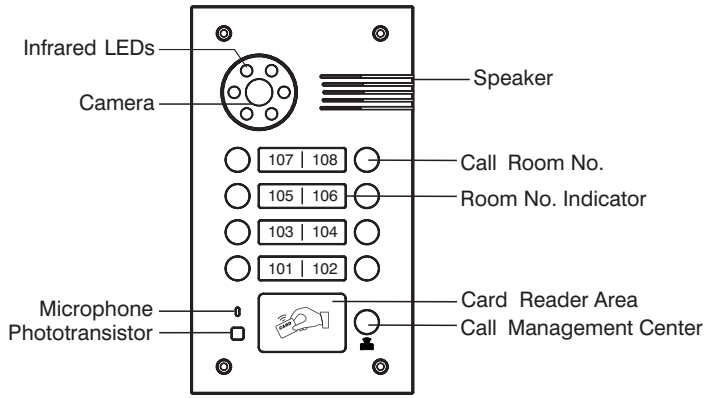
Outdoor Panel Connection 11

Installation.....12

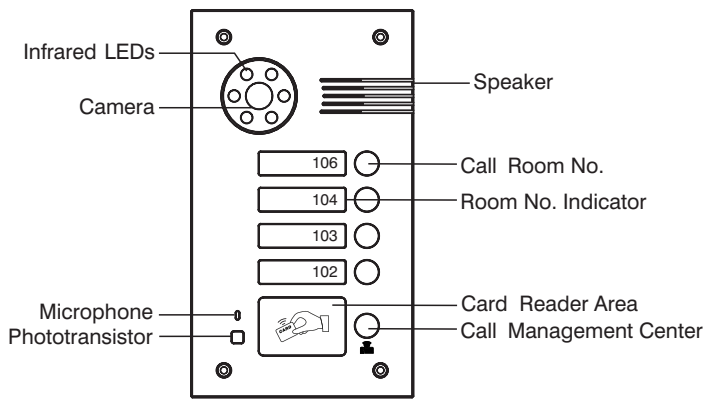
Care and Maintenance.....13

Picture

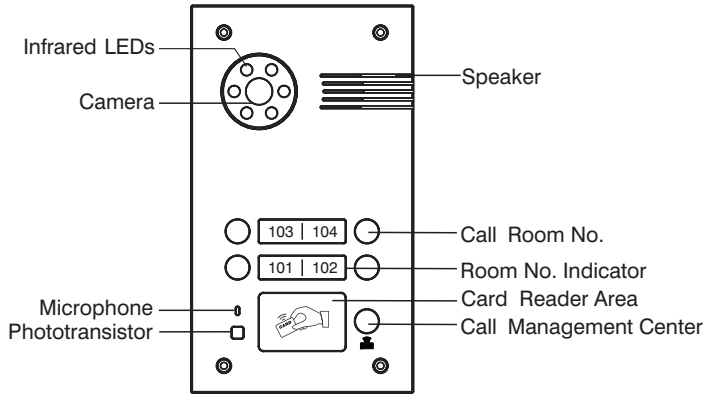
Model: FX-700B8 (8 buttons)



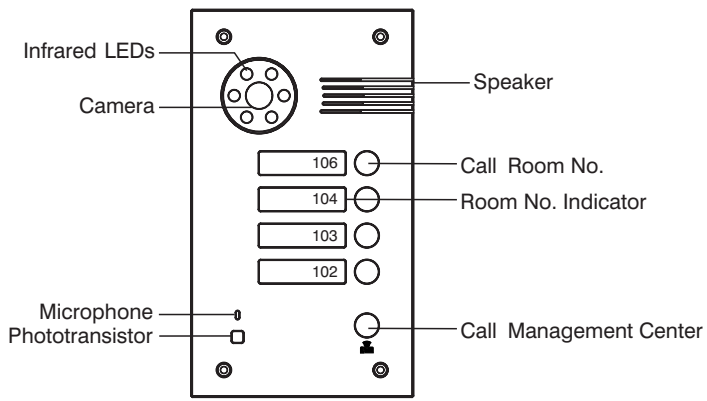
Model: FX-700B4S (4 buttons)



Model : FX-700B4D (4 buttons)



Model : FX-700B4N (4 Buttons)



Basic Functions

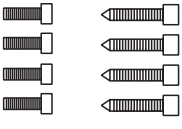
1. Call indoor monitor or management center.
2. Unlock with card .
3. Video intercom with indoor monitor or management center.
4. Support SIP protocol to communicate with IP phone.

Technology Parameter

1. Working voltage: DC 12V
2. Rated power: 6W
3. Standby power consumption: 2.5W
4. Operating temperature: -10℃～+55℃
5. Relative humidity: 20%～93%
6. IP Grade: IP65
7. CPU: 350MHz
8. RAM: DDR2 1Gbit X 2
9. Flash: 16Gbit

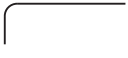
Package Content

Check the package content:

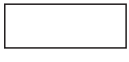


Installation screws

Waterproof jacket



Screw wrench



Nameplate

Operation

Calling

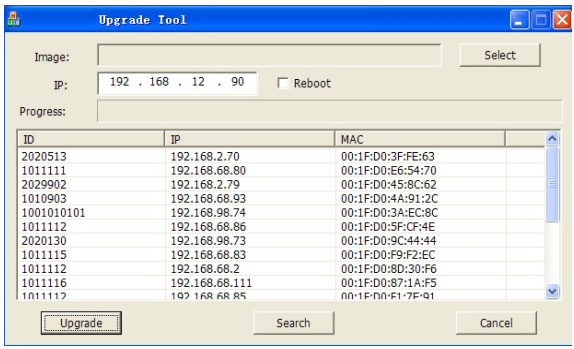
In standby mode, press the call button. The corresponding indoor monitor will ring.

Unlock

Put your registered IC/ID card near the card reader area, then it will sound a "Di" tone and the door is unlocked.

IP address View

Connect outdoor panel and PC in the network switch and make them in the same LAN. Install “Digital System Upgrade Tool” in PC, and press “search” button to view the IP address of the outdoor panel.



Click “Search” icon, then the IP address will display in the frame of IP.

System Setting

Connect outdoor panel and PC in the network switch and make them in the same LAN. Input IP address of outdoor panel in the web browser of PC, then input the user name and password(the default name is admin, the password is 123456) to enter into the following interface:

1. LAN setting:

Click “LAN” icon on the interface to enter into the following interface:

IP: IP address should be unique in the same LAN.

Mask: The default Mask is 255.255.255.0.

Gateway: It depends on IP address.

DNS: It depends on LAN.

Server IP: It is the same as the IP address of management PC.

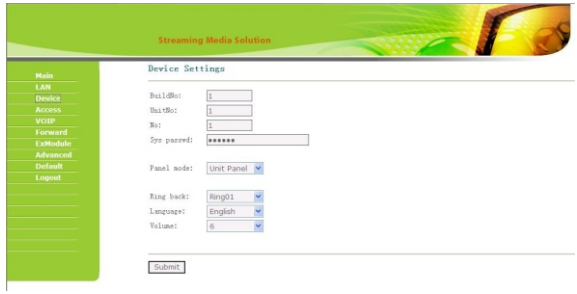
NTP: It refers to network time protocol.

Usually, the communication among management center, indoor monitor and outdoor panel will be available in the same LAN; if they are not in the same LAN, you need to set SIP server to support the communication.

Press “Submit” button to confirm settings.

2. Device setting:

Click “Device” icon on the interface to enter into the following interface:



The settings of build and Unit No. should be the same as that of corresponding indoor monitor.

No.: It is unique number for the outdoor panel. You can have max.9 outdoor panels in one house, and you need to distinguish their numbers from 1 to 9.

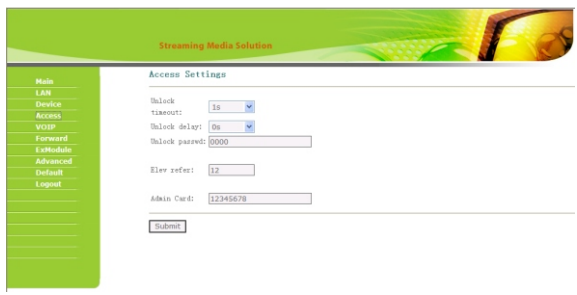
Panel mode: unit panel.

You can choose different ring back tone for the outdoor panel.

Press “Submit” button to confirm settings.

3. Access setting:

Click “Access” icon on the interface to enter into the following interface:



Unlock timeout: After 1~9 seconds, the door lock is open.

Unlock delay: The door lock is open for 0~9 seconds.

Unlock password: no function.

Elev refer: set the floor that outdoor panel exits, the parameter is 01-99.

Card Registration (with card reader):

1. You can input admin card No. directly, then click “Submit” icon to confirm the registration.

2. If you don’t know admin card No., please input “0” in the frame, and confirm the setting. Make the new admin card approach to the card reader, and the outdoor panel will sound a “Di” tone. It indicates that admin card registration is successful.

3. You need to use the admin card to register the unlock cards. Swipe admin card firstly, then swipe the new unlock card within 10 seconds. It will sound a “Di” tone and indicate the unlock card is successfully registered. If exceeds the time, it will be delayed for 10 seconds.

Note: the admin card cannot be regarded as unlock card and open the door.

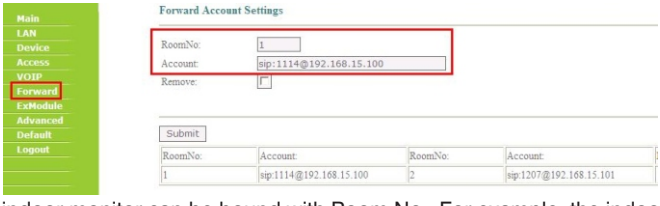
4. VOIP

Click “VOIP” icon on the interface to enter into the following interface:

Input the relevant information if you have SIP server.

5. Forward (Binding Room No.):

You can bind Room No. for each button in the Forward setting. Click “Forward” icon on the interface to enter into the following interface:



The indoor monitor can be bound with Room No.. For example, the indoor monitor is on 11th floor, its room No. is 14, IP address is 192.168.15.100.

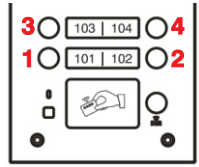
And you want to press the first button to call this indoor monitor, first input “1” in Room No. (Room No. can be set as 1-4 or 1-8), and input “sip:1114@192.168.15.100” in Account.

Add the next indoor monitor as the method.

If want to delete the Account No., input the room No. firstly, then select “Remove” in the frame;

Press “Submit” button to confirm settings.

And the button arrangement is like this:



6. ExModule

It is reserved.

7. Advanced

Click “Advanced” icon on the interface to enter into the following interface:

Advertising: no function.

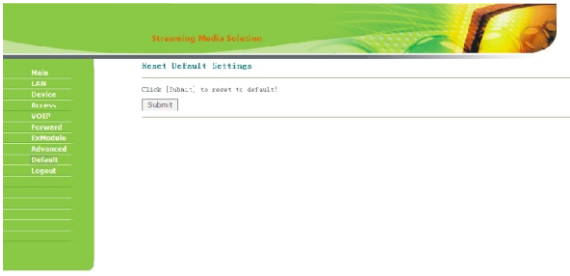
Quick Call: check it to be available. It refers to calling management. Input SIP address of the specified management center, it can be indoor monitor, also be other IP phone.

One Key Call: check it to be available. Press the room No. call button to call the corresponding indoor monitor (the floor No. of indoor monitor should be set as 0, the room No, should be set from 1-8 according to key type).

Press “Submit” button to confirm settings.

8. Default

Click “Default” icon on the interface to enter into the following interface:



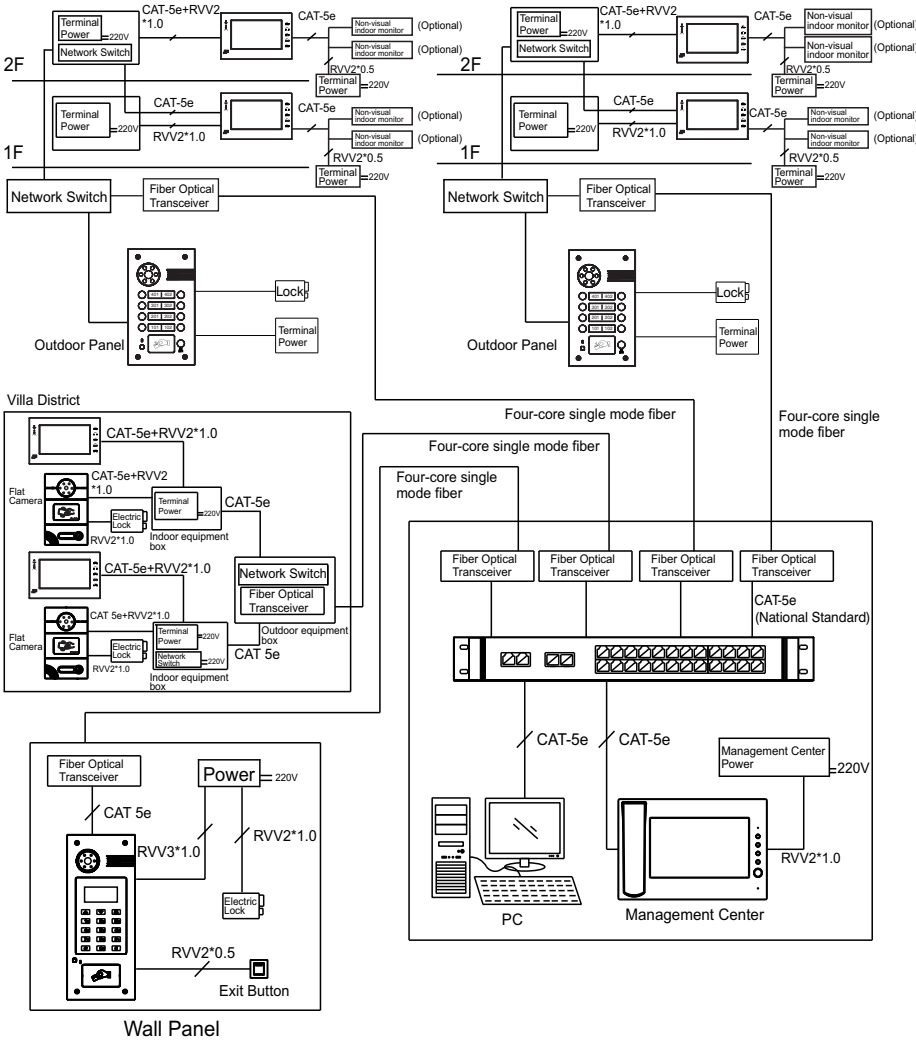
Click “Submit” icon, now all the registered card are deleted (system IP address cannot be deleted).

9. Logout

Click “Logout” icon on the interface to enter into the following interface:

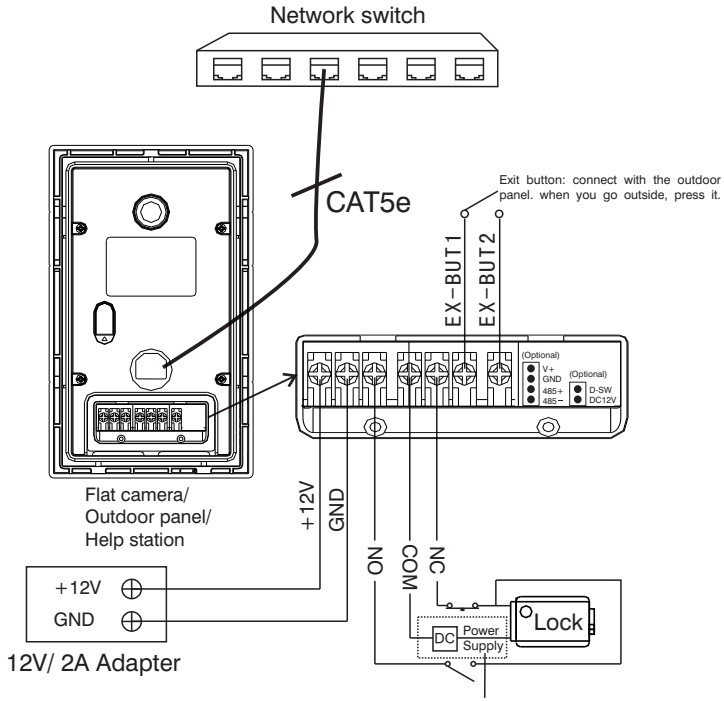
Click “Submit” icon to logout the system.

System Connection



Outdoor Panel Connection

If your lock need a seperate power supply, please find the system diagram as follows:

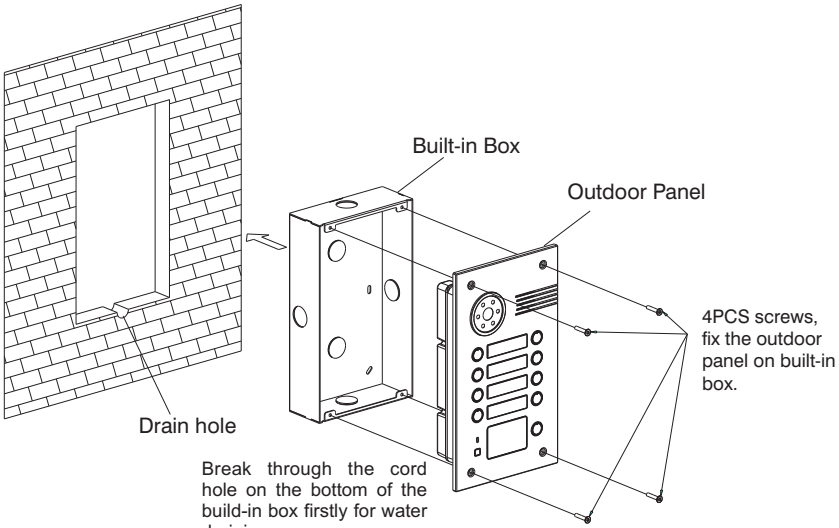


Installation

Product size：155*270*50mm

Built-in box size: 142*245*55mm

Install size: 150*250*60mm



Break through the cord hole on the bottom of the build-in box firstly for water draining.

Please don't cover the drain hold with the glass cement.

Care and Maintenance

1.Do not put the unit near the magnetic area such as television, video recorder etc.

2. Do not drop, knock or shake the unit.

3.Do not put the unit in hot areas. If the temperature is too high, it will shorten the using life of the unit.

4.Do not use the wet dishcloth or volatile cleansers to clean it.

5.Do not repair the unit without any professional, or else it will harm to yourself or damage the unit.